

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-40 (canceled)

Claim 41 (Previously presented) A polymeric foam powder prepared by a method of preparing foam powder from polymeric foam, the method comprising:

- a) comminuting the foam in a crusher comprising at least two surfaces moving at different speeds, said comminuting comprising contacting at least a portion of the foam to said at least two surfaces; thereby preparing a crushed product comprising particles;
- b) quenching the crushed product exiting the crusher with a cooling medium, wherein a mass flow rate of the cooling medium has a value that is at least a certain percentage of a mass flow rate of the crushed product, wherein said value is at least a minimum value suitable for dilute phase pneumatic conveying of the crushed product and
- c) separating said particles from the crushed product, wherein substantially all of the crushed product exiting the crusher is scraped off said at least two surfaces of said crusher prior to separating said particles from the crushed product.

Claim 42 (previously presented) A polymeric foam powder of claim 41, comprising polyurethane foam powder having a first particle size of about 0.005 mm to about 2 mm.

Claim 43 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polyurethane foam skins and having a particle size range between 0.001 mm and about 2 mm.

Claim 44 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polymeric sheeting and having a particle size range between 0.001 mm and about 2 mm.

Claim 45 (original) A polymeric foam powder of claim 44 wherein the polymeric

sheeting comprises a polymer selected from polyethylene and polypropylene and polystyrene.

Claim 46 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and paper and having a particle size range between 0.001 mm and about 2 mm.

Claim 47 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polyurethane foam skins and having a particle size of about 0.001 to 0.250 mm.

Claim 48 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polyurethane foam skins and having a particle size of about 0.001 to 0.045 mm.

Claim 49 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polyurethane foam skins and having a particle size of about 0.001 to 0.020 mm.

Claim 50 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polymeric sheeting and having a particle size of about 0.001 to 0.250 mm.

Claim 51 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polymeric sheeting and having a particle size of about 0.001 to 0.045 mm.

Claim 52 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and polymeric sheeting and having a particle size of about 0.001 to 0.020 mm.

Claim 53 (original) A polymeric foam powder of claim 50 wherein the polymeric

sheeting comprises a polymer selected from polyethylene and polypropylene and polystyrene.

Claim 54 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and paper and having a particle size of about 0.001 to 0.250 mm.

Claim 55 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and paper and having a particle size of about 0.001 to 0.045 mm.

Claim 56 (previously presented) A polymeric foam powder of claim 41, consisting essentially of comminuted polyurethane and paper and having a particle size of about 0.001 to 0.020 mm.

Claims 57-91 (canceled)

Claim 92 (previously presented) Foam powder comprising polyurethane foam and methylene chloride, the foam powder made by a method of substantially removing contaminant materials selected from the group consisting of oil and grease from a polymeric foam, the method comprising:

- a) comminuting the polymeric foam to prepare polymeric foam powder; and
- b) treating the polymeric foam powder with a solvent capable of dissolving the contaminant material,

wherein the solvent comprises one or more solvents selected from the group consisting of liquid carbon dioxide, alcohols, ketones, acetone, alkanes, halogenated hydrocarbons, methylene chloride, and perchloroethylene.

Claims 93-160 (canceled)